

SHIP 04/15

Work Order ID 142952

142952

Page 1

Monday, March 14, 2016 11:27:28 AM

Item ID: D130-701-043

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 3/28/2016 Start Qty: 1.00

1

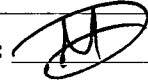
Cust Item ID:

Required Date: 4/4/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: 

Date: 163-14

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

IIN D130-701

E

100

Document Control

0.00

100

DC

DOCUMENT CONTROL

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy blue file and type labels per PPP D130-701-043 CHG006

007 see attachment

BAS
27
9-89

APR 04 2016

1603-31
APR 06 2016

110

Pick Kit

0.00

110

Packaging

Memo

0.07

Packaging

PICK KIT FOR BASKET ASSEMBLY

DAS
8
9-89

MAR 31 2016

120

Small Fab

0.00

120

Small Fab

Memo

0.07

Small Fab

Assemble as per Dwg IIN-D130-701

11 of 20 16/03/31

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Run	Start	*NR1*
	Stop	*NR2*

[illegible]

Work Order ID 142952

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142952

Page 3

Item ID: D130-701-043

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 3/28/2016 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 4/4/2016 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
160		0.00							
160	Packaging								
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D130-701-043								
	Location: _____								
	PPP Rev: _____								
			BK001						
170	QC21- Final Inspection - Work Order Release	0.00							
170									
QC	Memo	0.00							
Quality Control									

APR 04 2016

APR 06 2016

16-4-5

Picklist Print

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Work Order ID: 142952

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Parent Item: D130-701-043

D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 10-04-20 JLM VERIFIED BY:DD IPP
Rev:B 11.01.31 now @ chg003 DD verified by:ec IPP Rev:C
11.03.21 now @ chg004 DD verified by:ec IPP Rev:D 11.04.27 per
ecn 11-554 DD verified by:ec IPP REV:E 14.04.11 DSI9693
REV.A DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-16A *AN3-16A* Bolt		Purchased	No			110	Each	102.0000	2	2			DAS 6 8-89
**													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				GA				45					
				117441				45					
				ST348				57					
				M133790				57					
AN4-22A *AN4-22A* Bolt		Purchased	No			110	Each	144.0000	1	1			DAS 6 8-89
**													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				GA				50					
				116419				50					
				ST342				94					
				123348				94					
AN4-24A *AN4-24A* Bolt		Purchased	No			110	Each	75.0000	1	1			DAS 6 8-89
**													
				<u>Location</u>				<u>Loc Qty</u>		<u>Loc Code</u>			
				ST342				20					
				M126175				20					
				ST343				55					
				128403				55					

MAR 31 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

Picklist Print

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Work Order ID: 142952

142952

Parent Item: D130-701-043

D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

AN4-7A

Purchased

No

110

Each

101.0000

2

2

AN4-7A

Bolt

Location

Loc Qty

Loc Code

ST325

1

m133790

1

ST345

100

m134249

100

AN5-17A

Purchased

No

110

Each

104.0000

4

4

AN5-17A

Bolt

Location

Loc Qty

Loc Code

GA

36

117872

36

ST337

68

m134055

68

AN970-4

Purchased

No

110

Each

135.0000

4

4

AN970-4

Washer

Location

Loc Qty

Loc Code

ST260a

100

m133769

50

m133992

50

ST329

35

m134039

35

MAR 31 2016

DAS

6

9-89

DAS

28

9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

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Work Order ID: 142952

142952

Parent Item: D130-701-043

D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

D2022-101

Manufactured No

110

Each

113.0000

2

2

D2022-101

Spacer

Location

Loc Qty

Loc Code

ST001

67

132703

67

ST012a

46

140201

46

DAS
6
9.89

DAS
28
9.89

D2258-220

Manufactured No

110

Each

6.0000

1

1

D2258-220

Placard

Location

Loc Qty

Loc Code

ST005

6

139274

6

D2332-041

Manufactured No

110

Each

12.0000

1

1

D2332-041

Lid Prop Assembly 6.69"

Location

Loc Qty

Loc Code

FG

2

132567

1

89226

1

ST367

10

134190

4

136953

6

DAS
6
9.89

DAS
28
9.89

MAR 31 2016

D2512

Manufactured No

110

Each

0.0000

1

1

D2512

Basket Lid

B142458 (12) 106512

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Shop Packet Print

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
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Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐				Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	
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Work Order ID: 142952

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Parent Item: D130-701-043

D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

D2530

Manufactured No

110

Each

8.0000

1

1

D2530

Handle Weldment

Location

Loc Qty

Loc Code

ST379

8

140965

8

D2535

Manufactured No

110

Each

60.0000

2

2

D2535

Spring

Location

Loc Qty

Loc Code

ST008

10

138588

10

ST012a

50

139657

50

D2537

Manufactured No

110

Each

37.0000

2

2

D2537

Bushing

Location

Loc Qty

Loc Code

ST008

37

139004

17

141054

20

D2931

Manufactured No

110

Each

1,613.000

2

2

D2931

Bumper

Location

Loc Qty

Loc Code

ST013

90

86435

90

ST025A

1523

86435

1523

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Shop Packet Print

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WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>	Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐															
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Date : _____	Step #: _____	QTY Effective : _____	MRB (QSI042) Approval
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Description Work Order Deviation	Disposition	
		Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval

Root Cause	FAULT CATEGORY																																																																			
<table style="width:100%; border: none;"> <tr><td>Environment ☐</td><td>No Re-verification ☐</td></tr> <tr><td>Design ☐</td><td>Operator ☐</td></tr> <tr><td>Doc/Data ☐</td><td>Offset/Setup ☐</td></tr> <tr><td>Equip/Tooling ☐</td><td>Supplier ☐</td></tr> <tr><td>Handling/Pre ☐</td><td>Training ☐</td></tr> <tr><td>Material ☐</td><td>Use for Testing ☐</td></tr> <tr><td>Internal Transport ☐</td><td>Poor Information ☐</td></tr> <tr><td>Tribal Knowledge ☐</td><td>Rushing ☐</td></tr> <tr><td>LOA ☐</td><td>Product Improvement ☐</td></tr> <tr><td>Substation ☐</td><td>Process Improvement ☐</td></tr> <tr><td>Past Expiry Date ☐</td><td>Manufacturing Process ☐</td></tr> <tr><td>Misidentified ☐</td><td>Past Due ☐</td></tr> </table>	Environment ☐	No Re-verification ☐	Design ☐	Operator ☐	Doc/Data ☐	Offset/Setup ☐	Equip/Tooling ☐	Supplier ☐	Handling/Pre ☐	Training ☐	Material ☐	Use for Testing ☐	Internal Transport ☐	Poor Information ☐	Tribal Knowledge ☐	Rushing ☐	LOA ☐	Product Improvement ☐	Substation ☐	Process Improvement ☐	Past Expiry Date ☐	Manufacturing Process ☐	Misidentified ☐	Past Due ☐	<table style="width:100%; border: none;"> <tr><td>Pressure/Forced ☐</td></tr> <tr><td>Bending ☐</td></tr> <tr><td>Centre Not Concentric ☐</td></tr> <tr><td>Cracks ☐</td></tr> <tr><td>Crimp/Kink/Ripple/Wave ☐</td></tr> <tr><td>Cuffs ☐</td></tr> <tr><td>Crushing ☐</td></tr> <tr><td>Heat Treat ☐</td></tr> <tr><td>Wave/Twist in Tube ☐</td></tr> <tr><td>Marks/Chatter ☐</td></tr> </table>	Pressure/Forced ☐	Bending ☐	Centre Not Concentric ☐	Cracks ☐	Crimp/Kink/Ripple/Wave ☐	Cuffs ☐	Crushing ☐	Heat Treat ☐	Wave/Twist in Tube ☐	Marks/Chatter ☐	<table style="width:100%; border: none;"> <tr><td>Temperature/Cure ☐</td></tr> <tr><td>Set-up ☐</td></tr> <tr><td>BOM/Route ☐</td></tr> <tr><td>Broken/Damage/Defect ☐</td></tr> <tr><td>Inspection Incomplete/Unqualified ☐</td></tr> <tr><td>Contamination ☐</td></tr> <tr><td>Countersink ☐</td></tr> <tr><td>Cut Too Short ☐</td></tr> <tr><td>Instructions Incomplete/Unclear ☐</td></tr> <tr><td>Drill Holes ☐</td></tr> </table>	Temperature/Cure ☐	Set-up ☐	BOM/Route ☐	Broken/Damage/Defect ☐	Inspection Incomplete/Unqualified ☐	Contamination ☐	Countersink ☐	Cut Too Short ☐	Instructions Incomplete/Unclear ☐	Drill Holes ☐	<table style="width:100%; border: none;"> <tr><td>Power Loss/Surge ☐</td></tr> <tr><td>Folio/Program ☐</td></tr> <tr><td>Grain ☐</td></tr> <tr><td>Weld ☐</td></tr> <tr><td>Wrong Stock Pulled ☐</td></tr> <tr><td>Out of Sequence ☐</td></tr> <tr><td>Off-set ☐</td></tr> <tr><td>Mislabeled ☐</td></tr> <tr><td>Fit/Function ☐</td></tr> <tr><td>Misaligned/off center ☐</td></tr> </table>	Power Loss/Surge ☐	Folio/Program ☐	Grain ☐	Weld ☐	Wrong Stock Pulled ☐	Out of Sequence ☐	Off-set ☐	Mislabeled ☐	Fit/Function ☐	Misaligned/off center ☐	<table style="width:100%; border: none;"> <tr><td>Positioned Wrong ☐</td></tr> <tr><td>Outside Dimensions ☐</td></tr> <tr><td>Over/Under tolerance ☐</td></tr> <tr><td>Part Incorrect ☐</td></tr> <tr><td>Part Lost/Missing ☐</td></tr> <tr><td>Part Moved ☐</td></tr> <tr><td>Drawing ☐</td></tr> <tr><td>Finish ☐</td></tr> <tr><td>Misread ☐</td></tr> <tr><td>Turning Sequence ☐</td></tr> </table>	Positioned Wrong ☐	Outside Dimensions ☐	Over/Under tolerance ☐	Part Incorrect ☐	Part Lost/Missing ☐	Part Moved ☐	Drawing ☐	Finish ☐	Misread ☐	Turning Sequence ☐
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Part Lost/Missing ☐																																																																				
Part Moved ☐																																																																				
Drawing ☐																																																																				
Finish ☐																																																																				
Misread ☐																																																																				
Turning Sequence ☐																																																																				
OTHER : ☐																																																																				

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Work Order ID: 142952

142952

Parent Item: D130-701-043

D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

D3172-041

Manufactured No

110 Each

0.0000

1 1

D3172-041

Basket Base Assembly

B142959 (1x) 16/03/16

D3180-042

Manufactured No

140 Each

2.0000

1 1

D3180-042

Strut Assembly, RH

DAS 6 28
9-89 9-89

Location

Loc Qty

Loc Code

ST370

2

134983

2

MS20600-AD4W3

Purchased

No

110 Each

548.0000

2 2

MS20600-AD4W3

Cherry Rivets

DAS 6 28
9-89 9-89

Location

Loc Qty

Loc Code

GA

184

m129795

184

ST

200

m134167

200

ST308

34

m133316

34

WA003

130

m130018

84

m133316

46

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			Completed By
					Lead hand / Supervisor Approval Verification
					QC / QA Coordinator Approval
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : _____			

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Page 6

Work Order ID: 142952

142952

Parent Item: D130-701-043

D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

110

Each

2,700.000

2

2

~~9-89~~

MS21042L3

Nut

~~DAS
28
9-89~~

Location

Loc Qty

Loc Code

FP001

100

m133790

100

GA

61

m133790

61

OVER007

2000

m134360

2000

ST304

539

m134039

539

MS21042L4

Purchased

No

110

Each

1,755.000

4

4

MS21042L4

Locknut

~~DAS
8
9-89~~

~~DAS
28
9-89~~

Location

Loc Qty

Loc Code

FP001

37

m133363

37

GA

447

m133769

447

ST303

1174

m134055

1174

ST305

97

m130922

97

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
								Completed By	
				Lead hand / Supervisor Approval Verification					
				QC / QA Coordinator Approval					
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved				
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing				
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish				
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____							
Misidentified ☐	☐ Past Due								

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Work Order ID: 142952

142952

Parent Item: D130-701-043

D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L5

Purchased

No

110

Each

445.0000

4

4

MS21042L5

Nut

**

DAS

6

9-89

DAS

28

9-89

Location

Loc Qty

Loc Code

GA

146

m127813

146

ST303

299

m134055

299

NAS1149D0416J

Purchased

No

110

Each

4,304.000

2

2

NAS1149D0416J

WASHER

**

DAS

6

9-89

DAS

28

9-89

Location

Loc Qty

Loc Code

GA

256

m131511

256

ST260a

1986

m131511

1986

ST264

2062

m131511

2062

NAS1149D0463J

Purchased

No

110

Each

3,551.000

2

2

NAS1149D0463J

WASHER

**

DAS

6

9-89

DAS

28

9-89

Location

Loc Qty

Loc Code

GA

237

M129390

41

M132035

196

ST263

2326

M134039

2326

ST269

988

M132317

100

M132677

888

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date : _____		Step #: _____		QTY Effective : _____			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong				
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions				
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance				
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect				
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing				
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved				
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing				
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Misabeled	☐ Finish				
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread				
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence				
Past Expiry Date ☐	☐ Manufacturing Process								
Misidentified ☐	☐ Past Due	OTHER : _____							

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Work Order ID: 142952

142952

Parent Item: D130-701-043

D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0563J

Purchased

No

110

Each

1,045.000

4

4

NAS1149D0563.J

Washer

**

DAS
8
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

307

m125807

12

m133769

295

ST263

635

m133990

135

m134257

500

ST269

103

m128257

103

DAS
8
9-89

DAS
28
9-89

NAS1149DN832J

Purchased

No

110

Each

1,999.000

2

2

NAS1149DN832.J

Washer

**

Location

Loc Qty

Loc Code

CA

84

M129499

84

ST260a

1500

M134180

1500

ST263

415

M131697

415

140

Each

2.0000

1

1

**

DAS
8
9-89

DAS
28
9-89

D3180-041

Manufactured

No

D3180-041

Strut Assembly, LH

Location

Loc Qty

Loc Code

ST369

1

134984

1

ST370

1

134160

1

DAS
27
9-89

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval 		
Description Work Order Deviation				Disposition					
				Completed By					
				Lead hand / Supervisor Approval Verification					
				QC / QA Coordinator Approval					

Root Cause			FAULT CATEGORY							
Environment ☐	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong
Design ☐	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions
Doc/Data ☐	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance
Equip/Tooling ☐	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect
Handling/Pre ☐	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing
Material ☐	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved
Internal Transport ☐	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing
Tribal Knowledge ☐	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish
LOA ☐	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread
Substation ☐	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence
Past Expiry Date ☐	☐	Manufacturing Process								
Misidentified ☐	☐	Past Due								
			OTHER : ☐							

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Work Order ID: 142952

Parent Item: D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

142952

D130-701-043

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

D3181-1

Manufactured No

140

Each

16.0000

1

DAS

6

9-89

DAS

28

9-89

D3181-1

Bushing

DAS
27
9-89

Location

ST020

Loc Qty

16

Loc Code

18770

16

Each

2.0000

**

D4037-1

Manufactured No

140

D4037-1

Aft Crossbeam

DAS
27
9-89

Location

ST471

Loc Qty

2

Loc Code

134985

1

139408

1

Each

2.0000

**

D4037-3

Manufactured No

140

D4037-3

Fwd Crossbeam

DAS
27
9-89

Location

ST471

Loc Qty

2

Loc Code

134986

1

139409

1

Each

2.0000

**

D4038-041

Manufactured No

140

D4038-041

Angle Assy Fwd LH

DAS
27
9-89

Location

ST514

Loc Qty

2

Loc Code

134987

1

69861

1

DAS

6

9-89

DAS

28

9-89

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Work Order update only

Work Order: _____		DISPOSITION		AGAINST DEPARTMENT/PROCESS					
Part No. _____		Rework ☐		Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐		
NCR No. _____		Scrap ☐		Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐		
		Use-as-is ☐		Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐		
		Suspected Unapproved ☐		Large Fab ☐	Composite ☐	Supplier ☐			
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition			Completed By		
							Lead hand / Supervisor Approval Verification		
							QC / QA Coordinator Approval		
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

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Work Order ID: 142952

142952

Parent Item: D130-701-043

D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

D4038-042

Manufactured No

D4038-042

Angle Assy Fwd RH

DAS
27
9-89

Location

Loc Qty

Loc Code

ST514

3

134988

2

71123

1

Each

2.0000

**

DAS
6
28
9-89

D4038-043

Manufactured No

D4038-043

Angle Assy Aft LH

DAS
27
9-89

Location

Loc Qty

Loc Code

ST514

2

134989

1

69855

1

Each

2.0000

**

DAS
6
28
9-89

D4038-044

Manufactured No

D4038-044

Angle Assy Aft RH

DAS
27
9-89

Location

Loc Qty

Loc Code

ST514

2

134990

1

71125

1

Each

3.0000

**

DAS
6
28
9-89

D4039-041

Manufactured No

D4039-041

Fwd Bracket Assembly

DAS
27
9-89

Location

Loc Qty

Loc Code

ST476

3

134991

3

**

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DAS
6
28
9-89

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

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Work Order ID: 142952

142952

Parent Item: D130-701-043

D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

D4039-043

Manufactured No

D4039-043

Aft Bracket Assembly

BAS
27
9-89

Location

Loc Qty

Loc Code

ST476

3

134992

3

Each

11.0000

1
4
4

**

DAS
6
9-89

DAS
28
9-89

D4040-1

Manufactured No

D4040-1

Radius Block

BAS
27
9-89

Location

Loc Qty

Loc Code

st073

11

135234

11

Each

9.0000

4
1

**

DAS
6
9-89

DAS
28
9-89

D4090-5

Manufactured No

D4090-5

Placard

BAS
27
9-89

Location

Loc Qty

Loc Code

ST078

9

132557

9

Each

141.0000

1
2

**

DAS
6
9-89

DAS
28
9-89

AN4-12A

Purchased No

AN4-12A

Bolt

BAS
27
9-89

Location

Loc Qty

Loc Code

FG

10

120423

10

ST344

131

m133990

31

m134180

100

2

MAR 31 2016

DAS
6
9-89
DAS
28
9-89

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Picklist Print

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Work Order ID: 142952

142952

Parent Item: D130-701-043

D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

AN4-7A

Purchased

No

AN4-7A

Bolt

140

Each

101.0000

1

1

**

DAS

6

DAS

28

9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST325

1

m133790

1

ST345

100

m134249

100

140

Each

144.0000

16

16

**

DAS

6

DAS

28

9-89

AN5-10A

Purchased

No

AN5-10A

Bolt

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

51

122800

51

ST338

93

m134039

93

140

Each

84.0000

8

8

**

DAS

6

DAS

28

9-89

MS20002C5

Purchased

No

MS20002C5

Washer

DAS
27
9-89

Location

Loc Qty

Loc Code

ST314

84

m132680

84

140

Each

100.0000

12

12

**

DAS

6

DAS

28

9-89

MS20002C6

Purchased

No

MS20002C6

WASHER

DAS
27
9-89

Location

Loc Qty

Loc Code

ST314

100

m132823

100

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Page 12

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
OTHER : ☐									

Picklist Print

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Work Order ID: 142952

142952

Parent Item: D130-701-043

D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased No

140

Each

1,755.000

3 3

**

MS21042I 4

Locknut

Location

Loc Qty

Loc Code

FP001

37

m133363

37

GA

447

m133769

447

ST303

1174

m134055

1174

ST305

97

m130922

97

140

Each

445.0000

24 24

**

MS21042L5

Purchased No

MS21042I 5

Nut

Location

Loc Qty

Loc Code

GA

146

m127813

146

ST303

299

m134055

299

140

Each

193.0000

12 12

**

MS21042L6

Purchased No

MS21042I 6

Nut

Location

Loc Qty

Loc Code

ST007

100

m134055

100

ST303

93

m133938

43

m134257

50

BAS
27
9-89

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Picklist Print

Page 14

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Work Order ID: 142952

142952

Parent Item: D130-701-043

D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

MS21250-05032

Purchased

No

140

Each

9.0000

4

4

MS21250-05032

Bolt

**

Location

Loc Qty

Loc Code

ST294

9

m132767

9

140

Each

8.0000

4

4

MS21250-05038

Purchased

No

MS21250-05038

Bolt

**

Location

Loc Qty

Loc Code

ST295

8

M132767

8

140

Each

6.0000

12

12

MS21250-06018

Purchased

No

MS21250-06018

BOLT

**

Location

Loc Qty

Loc Code

over006

4

m132823

4

ST294

2

m132680

2

BAS
27
9-89

DAS
6
9-89

DAS
6
9-89

DAS
6
9-89

DAS
6
9-89

DAS
6
9-89

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Picklist Print

Page 15

Monday, March 14, 2016 11:23:35 AM

Work Order ID: 142952

142952

Parent Item: D130-701-043

D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0463J

Purchased

No

140

Each

3,551.000

5

5

NAS1149D0463.I

WASHER

**

DAS
27
9-89

Location

Loc Qty

Loc Code

GA	237
M129390	41
M132035	196
ST263	2326
M134039	2326
ST269	988
M132317	100
M132677	888

140

Each

1,045.000

40

40

**

DAS
6
9-89

DAS
28
9-89

NAS1149D0563J

Purchased

No

NAS1149D0563.I

Washer

Location

Loc Qty

Loc Code

GA	307
m125807	12
m133769	295
ST263	635
m133990	135
m134257	500
ST269	103
m128257	103

DAS
27
9-89

DAS
6
9-89

DAS
28
9-89

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Picklist Print

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Work Order ID: 142952

142952

Parent Item: D130-701-043

D130-701-043

Parent Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 4/4/2016

Required Date: 4/14/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0663J

Purchased

No.

140

Each

1,116.000

12

12

NAS1149D0663.J

Washer

DAS

DAS 28
6 9-89
9-88

Location

Loc Qty

Loc Code

ST260

227

M131618

227

ST260a

500

M134360

500

12

ST263

338

M133134

89

M133769

23

M133812

226

ST269

51

M126334

51

DAS
27
9-89

MAR 31 2016

DSI 0140-011 X1

16-3-15

143520

sl

DAS
28
9-89

DAS
27
9-89

~~DSI 0138-011 X1~~

4. WEIGHT AND BALANCE

Installation	Weight	LATERAL		LONGITUDINAL	
		Arm	Moment	Arm	Moment
D130-701-041 (LH installation)	120 lb 54 kg	- 47.4 in - 1.20 m	- 5688 in-lb - 64.8 m-kg	133.9 in 3.40 m	16068 in-lb 183.6 m-kg
D130-701-041 (RH installation)	120 lb 54 kg	+ 47.4 in + 1.20 m	+ 5688 in-lb + 64.8 m-kg	133.9 in 3.40 m	16068 in-lb 183.6 m-kg
2 x D130-701-041 (LH and RH installation)	224 lb 102 kg	0.0 in 0.00 m	0 in-lb 0.0 m-kg	133.9 in 3.40 m	29994 m-kg 346.8 m-kg
D130-701-043 (LH installation)	130 lb 59 kg	- 47.4 in - 1.20 m	- 6162 in-lb - 70.8 m-kg	133.9 in 3.40 m	17407 in-lb 200.6 m-kg
D130-701-043 (RH installation)	130 lb 59 kg	+ 47.4 in + 1.20 m	+ 6162 in-lb + 70.8 m-kg	133.9 in 3.40 m	17407 in-lb 200.6 m-kg
2 x D130-701-043 (LH and RH installation)	235 lb 106.8 kg	0.0 in 0.00 m	0.0 in-lb 0.00 m-kg	133.9 in 3.40 m	31467 in-lb 363.1 m-kg
D130-701-013 (Fixed provisions)	25 lb 11.4 kg	0.0 in 0.00 m	0.0 in-lb 0.00 m-kg	133.9 in 3.40 m	3348 in-lb 38.8 m-kg

5. PARTS LIST

Qty -041	Qty -043	Qty -011	Qty -013	Part Number	Description
X				D130-701-041	HELI-UTILITY-BASKET
	X			D130-701-043	HELI-UTILITY BASKET
		X		D130-701-011	CONVERSION KIT
			X	D130-701-013	FIXED PROVISIONS KIT
2	2			*D2022-101	SPACER
1	1			*D2258-220	LABEL
1	1			*D2332-041	PROP ASSEMBLY
1	1			*D2512	BASKET LID ASSEMBLY
1	1			*D2530	HANDLE ASSEMBLY
2	2			*D2535	SPRING
2	2			*D2537	BUSHING
2	2			*D2931	BUMPER
1	1			*D3172-041	BASKET BASE ASSEMBLY
2				D3173-041	BEAM ASSEMBLY
1				D3177-041	BRACKET ASSEMBLY
1				D3177-043	BRACKET ASSEMBLY
1	1			D3180-041	STRUT ASSEMBLY, LH
1	1			D3180-042	STRUT ASSEMBLY, RH
1	1			D3181-1	BUSHING
	1	1	1	D4037-1	AFT CHANNEL
	1	1	1	D4037-3	FWD CHANNEL
	1	1	1	D4038-041	ANGLE ASSEMBLY, FWD, LH
	1	1	1	D4038-042	ANGLE ASSEMBLY, FWD, RH
	1	1	1	D4038-043	ANGLE ASSEMBLY, AFT, LH
	1	1	1	D4038-044	ANGLE ASSEMBLY, AFT, RH
	1	1		D4039-041	FWD BRACKET ASSEMBLY
	1	1		D4039-043	AFT BRACKET ASSEMBLY
	4	4	4	D4040-1	RADIUS BLOCK
	1	1		*D4090-1	PLACARD (ON BASKET LID)

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Revision: E

Date: 15.04.22

Qty -041	Qty -043	Qty -011	Qty -013	Part Number	Description
	1	1		*D4090-3	PLACARD (ON BASKET LID)
	1	1	1	D4090-5	PLACARD
2	2			*AN3-16A	BOLT
2	2			AN4-12A	BOLT
1	1			*AN4-22A	BOLT
1	1			*AN4-24A	BOLT
3 (2)	3 (2)			+AN4-7A	BOLT
4	16	16	16	AN5-10A	BOLT
4	4			*AN5-17A	BOLT
2				AN5-23A	BOLT
4	4			*AN970-4	WASHER
	8	8	8	MS20002C5	WASHER
	12	12		MS20002C6	WASHER
2	2			*MS20600AD4W3	RIVET
2	2			*MS21042L3	NUT (OR MS21042-3)
7 (4)	7 (4)			+MS21042L4	NUT (OR MS21042-4)
10 (4)	28 (4)	24	24	+MS21042L5	NUT (OR MS21042-5)
	12	12		MS21042L6	NUT (OR MS21042-6)
	4	4	4	MS21250-05032	BOLT
	4	4	4	MS21250-05038	BOLT
	12	12		MS21250-06018	BOLT
2	2			*NAS1149DN832J	WASHER (AN960JD8)
2	2			*NAS1149D0416J	WASHER (AN960JD416L)
7 (2)	7 (2)			+NAS1149D0463J	WASHER (AN960JD416)
16 (4)	44 (4)	40	40	+NAS1149D0563J	WASHER (AN960JD516)
	12	12		NAS1149D0663J	WASHER (AN960JD616)

* Pre-assembled prior to shipping

+ Quantity in () preassembled prior to shipping

SMIT 04/15

Work Order ID 142952

142952

Monday, March 14, 2016 11:27:28 AM

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Item ID: D130-701-043

Revision ID:

Item Name: Heli-Utility-Basket™ - Airframe Mount, Fits LH or RH

Start Date: 3/28/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/4/2016 Req'd Qty: 1.00

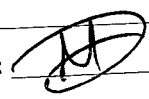
1

Customer:

Run Start *NR1*

Reference:

Stop *NR2*

Approvals: Process Plan:  Date: 163-14 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN D130-701	E

100 Document Control
DOCUMENT CONTROL

0.00

MAR 31 2016

MC

100

DC

Doc.Control -USB or Paperwork

Memo

Photocopy blue file and type labels per PPP D130-701-043 CHG006

3 per me
ECN 16520
See attachments

0.00

Pick Kit

0.00

110

110

Packaging

Packaging

Memo

PICK KIT FOR BASKET ASSEMBLY

0.07

DAS

8

3-29

MAR 31 2016

120

120

Small Fab

Small Fab

Small Fab

0.00

0.07

Memo

Assemble as per Dwg IIN-D130-701

Change Record

PAGE 1 OF 1

Part Number: D130-701-043

Description: HELI-UTILITY BASKET[illegible]